Solent Chemicals
Solutions for a better tomorrow

TECHNICAL DATA SHEET
TAC RIC

TAC RIC is a rheological modifier specifically formulated for oil-based drilling fluids. It can effectively improve the detritus carrying and suspension properties as well as increase the shear rate, shear thinning, viscosity and thixotropy properties of drilling fluids, without increasing the solid phase content of the system. By increasing the yield point and gel strength, TAC RIC greatly improves the drill-cuttings suspension capabilities and hole-cleaning capabilities of the drilling fluid, without affecting the apparent viscosity and circulation pump pressure.

Typical Characteristics

Parameter	Specification
Appearance	Reddish brown liquid
Density @ 20°C (g/cm^3)	0.85 – 0.95
Pour point (°C)	≤ 0
Flash point, closed (°C)	≥ 80
ES (V)	≥ 400

Application

- Oil-soluble with good environmental acceptability, widely used in diesel-, white oil- and synthetic-based drilling fluid systems
- Particularly useful for rheology control in drilling systems with high density and high solid content
- Can be applied at temperatures up to 180°C

Packaging and Storage

TAC RIC is packaged in 180 kg drum.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking. Avoid using rubber (natural or synthetic) as packaging materials.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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